



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/pera/](http://www.miamidade.gov/pera/)

**Trulite Window & Door Solutions, LLC**  
8130 NW 74<sup>th</sup> Avenue  
Medley, FL 33166

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "1500" Outswing Aluminum Projected Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. W10-16, titled "Series-1500 Aluminum Projected Wdw. (L.M.I.)" Sheets 1 through 6 of 6, dated 03/23/10 with revision A dated 12/23/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 10-0506.01 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 12-0118.14  
Expiration Date: September 08, 2015  
Approval Date: March 15, 2012  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W10-16**, titled "Series-1500 Aluminum Projected Wdw. (L.M.I.)" Sheets 1 through 6 of 6, dated 03/23/10 with revision A dated 12/23/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94along with marked-up drawings and installation diagram of Series 1500 outswing aluminum projected window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6116**, dated 02/04/10, signed and sealed by Jorge A. Causo, P.E.  
*(Submitted under previous NOA# 10-0506.01)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, dated 04/07/10 and updated on 01/04/12, prepared, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-0325.05** "issued to Solutia, Inc. for their "Saflex and Vanceva clear and color interlayers" dated 05/05/11, expiring on 05/21/16

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0118.14

Expiration Date: September 08, 2015  
Approval Date: March 15, 2012

**Trulite Window & Door Solutions, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance, complying with the FBC-2010, and of no financial interest, dated January 4, 2012, signed and sealed by Javad Ahmad, P.E.
2. Florida Dept of State, listing of Trulite Window & Door Solutions, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Fl., dated 02/03/10.
3. Certificate of registration of name change from "Trulite Residential Windows, LLC" to "Trulite Window & Door Solutions, LLC" issued by State of Delaware on 10/28/11, signed by J.W. Bullock.
4. Certificate of registration of name change from "Arch Windows, LLC" to Trulite Residential Windows, LLC" issued by State of Delaware on 07/27/11, signed by J.W. Bullock.
5. Florida Department of State, listing of Arch Window, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Florida, dated 01/22/10.
6. Certificate of registration of Arch Windows, LLC (Delaware) in State of Florida dated 02/04/10, managed by Arch Intermediate Holding, LLC.

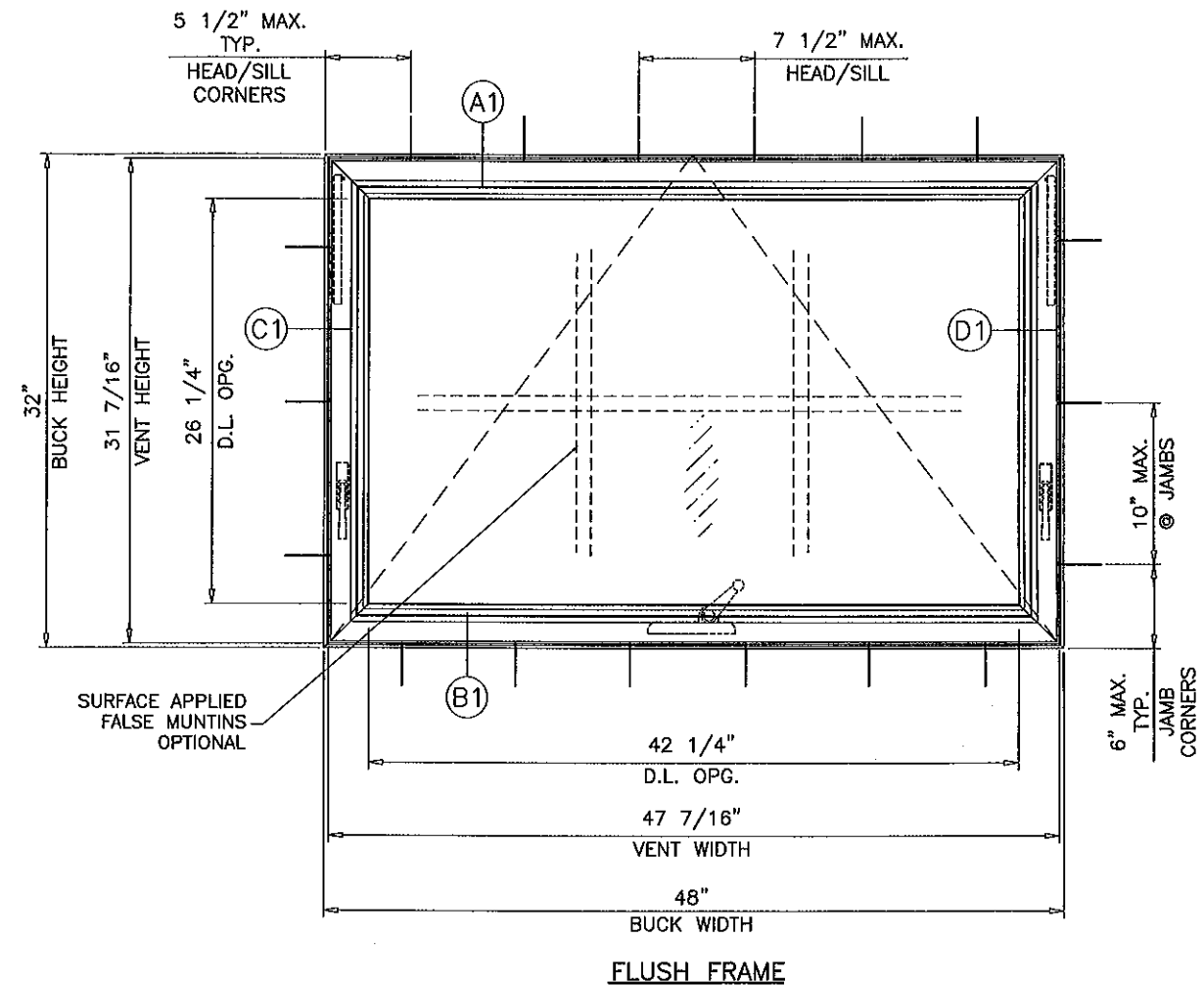
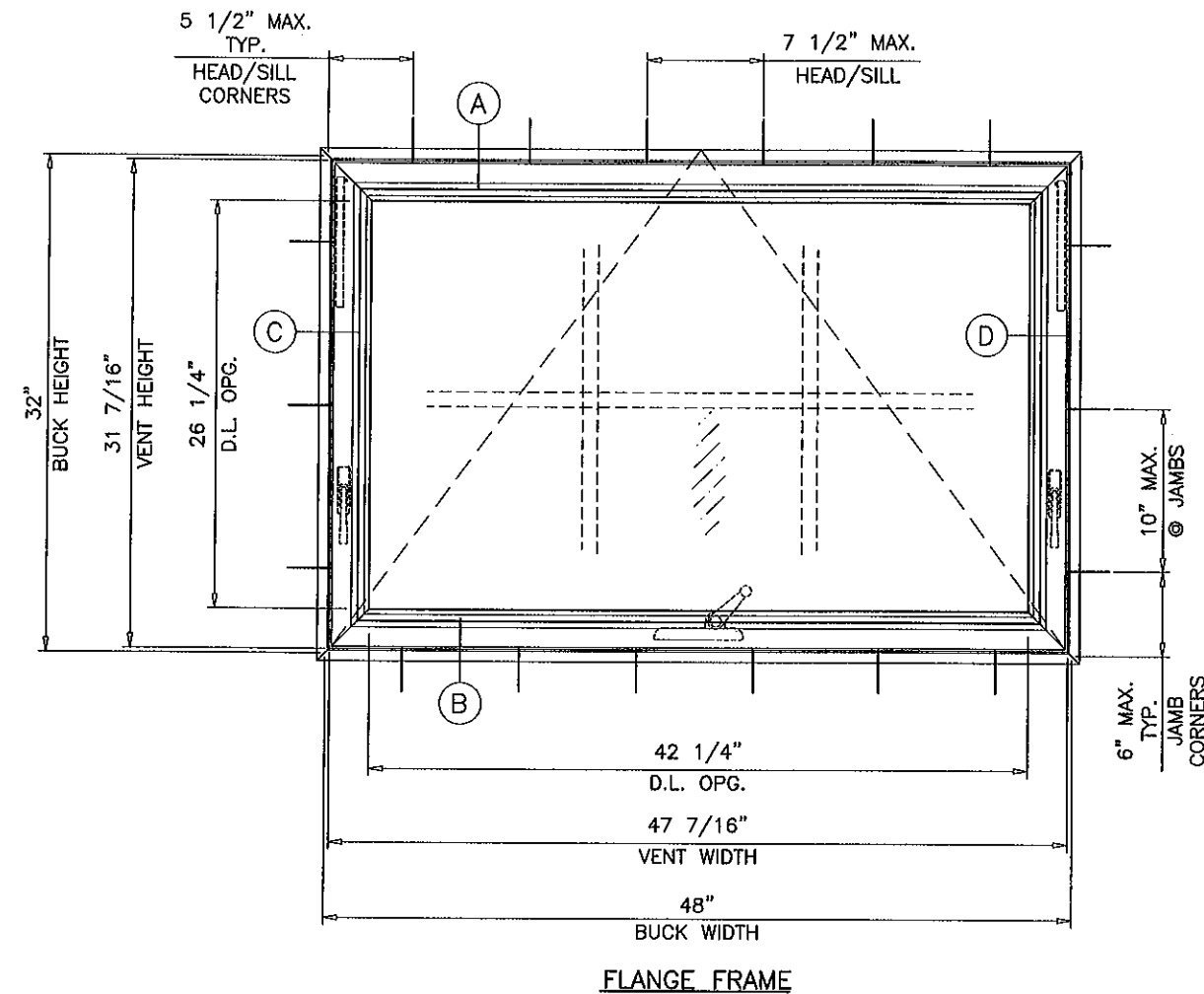
**G. OTHERS**

1. Notice of Acceptance No. **10-0506.01**, issued to Arch Windows, LLC dba AWP for their Series "1500" Outswing Aluminum Projected Window – L.M.I., approved on 09/08/10 and expiring on 09/08/15.

  
Manuel Perez, P.E.

Product Control Examiner  
NOA No. 12-0118.14

Expiration Date: September 08, 2015  
Approval Date: March 15, 2012



TYPICAL ELEVATION  
TESTED UNITS

# **SERIES-1500** **ALUMINUM PROJECTED WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE PROJECTED WINDOWS, ALSO COMBINATIONS OF PROJECTED/PROJECTED OR PROJECTED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

JAN 11 2012

**LAMINATED GLASS**  
**LARGE MISSILE IMPACT**

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0118-14  
Expiration Date SEP. 8, 2015

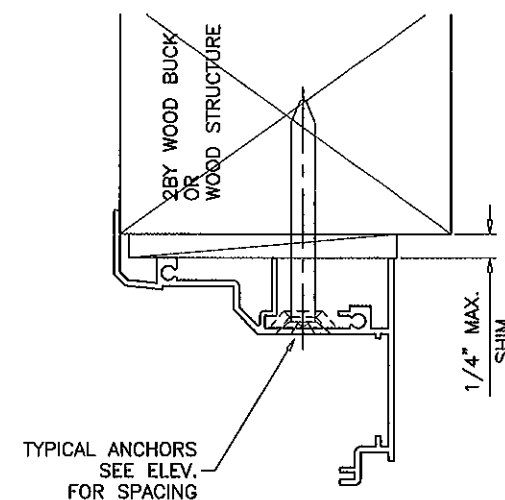
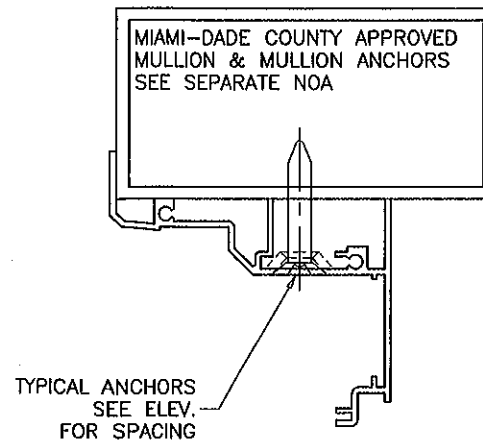
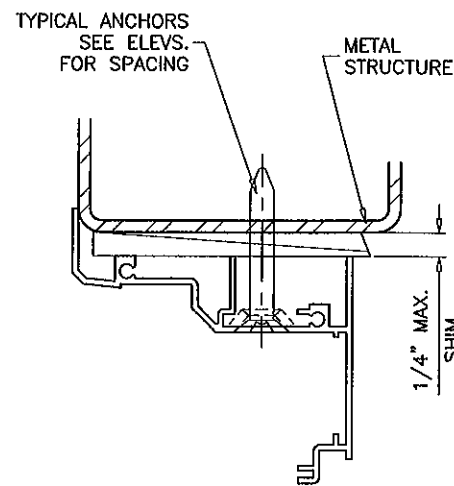
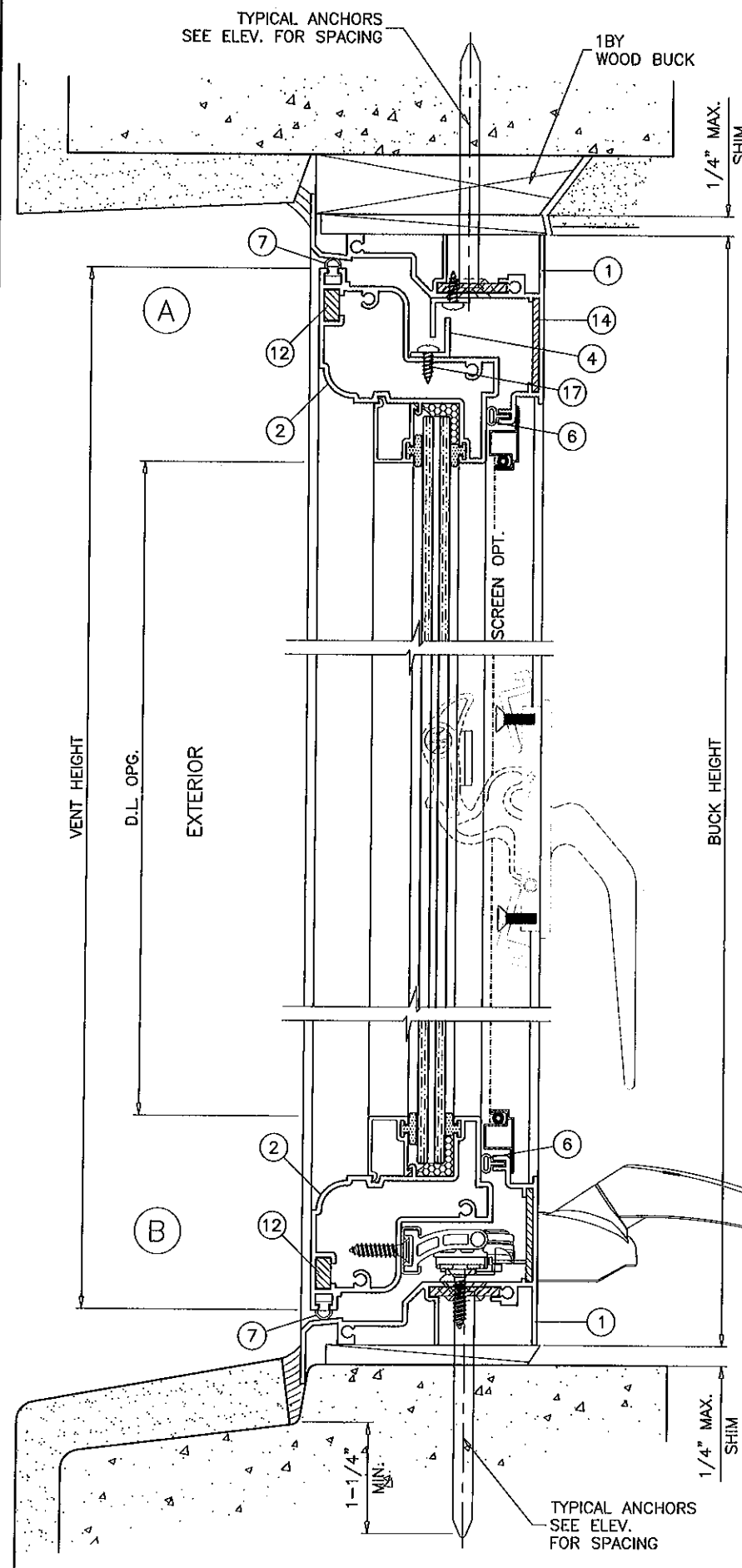
By *Mamud*  
Miami Dade Product Control

**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W10-16AWP

SERIES-1500 ALUMINUM PROJECTED WDW. (L.M.I.)  
**TRULITE WINDOW & DOOR SOLUTIONS, LLC**  
8130 N.W. 74TH AVE.  
MEDLEY, FL. 33166  
TEL (305) 887-2646 FAX (305) 883-1309

revisions:		no	date	by	description
		A	12.23.11		UPDATED TO 2010 FBC, NAME REV
date:	W03-23-10	scale:	1" = 1'-0"	dr. by:	HAMID
				chk. by:	
drawing no.		W10-16			
sheet		1 of 6			





WOOD BUCKS AND METAL STRUCTURE NOT BY TRULITE MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

**SEALANTS:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE OR ACRYLIC SEALANT.

Engr: JAVAD AHMAD  
CIVIL  
FLA. REG. # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0110-14  
Expiration Date SEPT. 8, 2015  
By *Muhammad*  
Miami Dade Product Control

JAN 11 2012

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX (305) 262-6978  
COMP-ANL\W10-16AWP

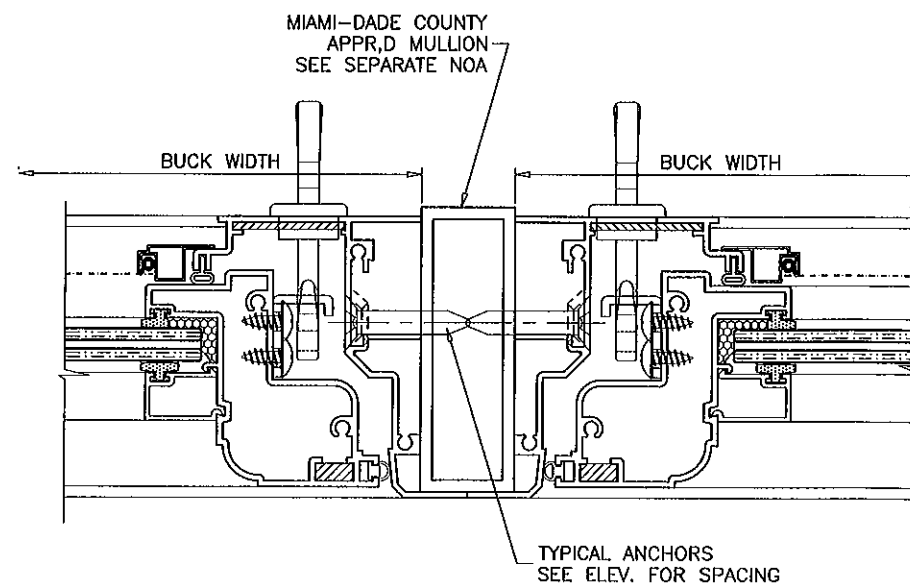
SERIES-1500 ALUMINUM PROJECTED WDW. (L.M.I.)  
**TRULITE WINDOW & DOOR SOLUTIONS, LLC**  
8130 N.W. 74TH AVE.  
MEDLEY, FL 33166  
TEL (305) 887-2646 FAX (305) 883-1309

Revisions:		by description	
no	date	MANUF.	NAME REVISED
A	12.23.11		

date: W03-23-10  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W10-16**

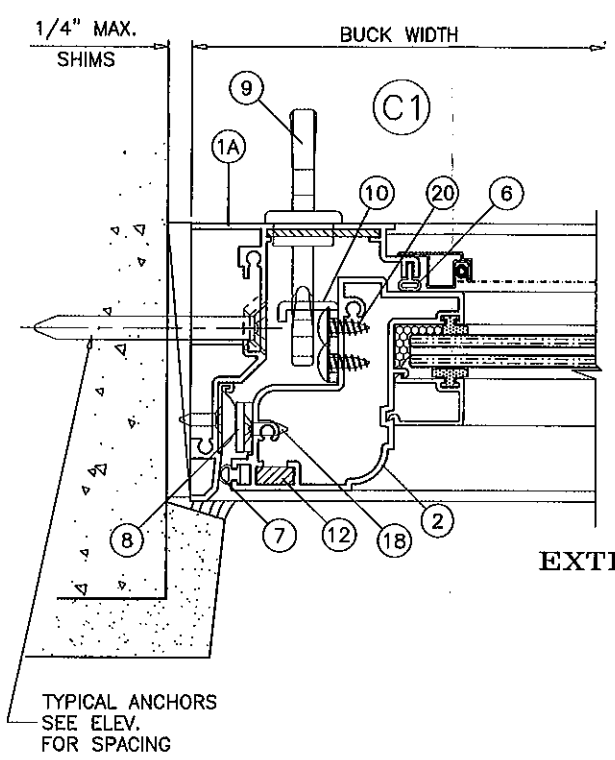
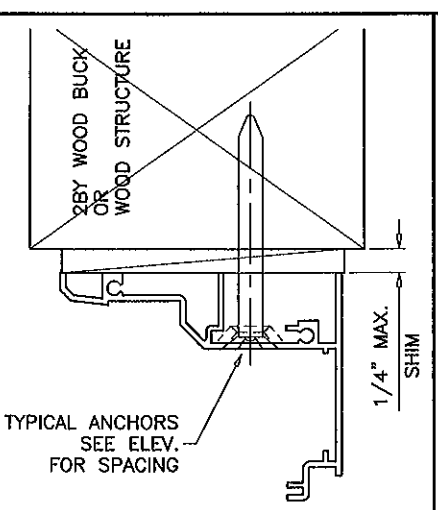
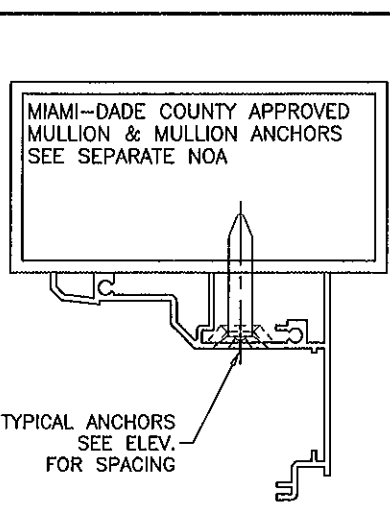
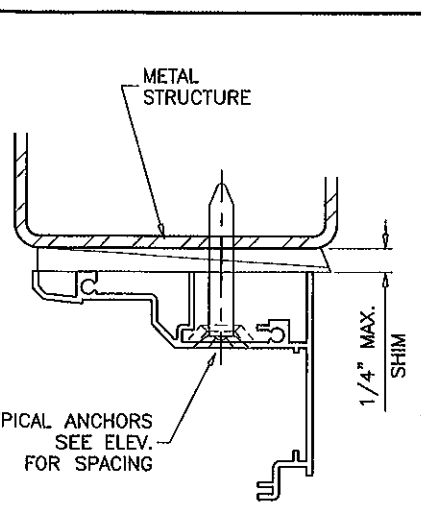
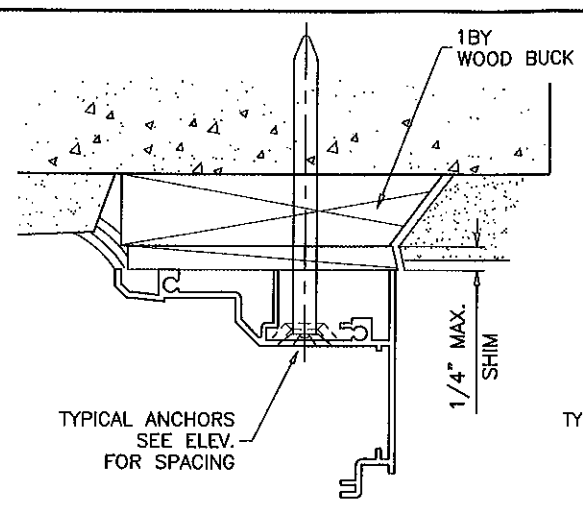
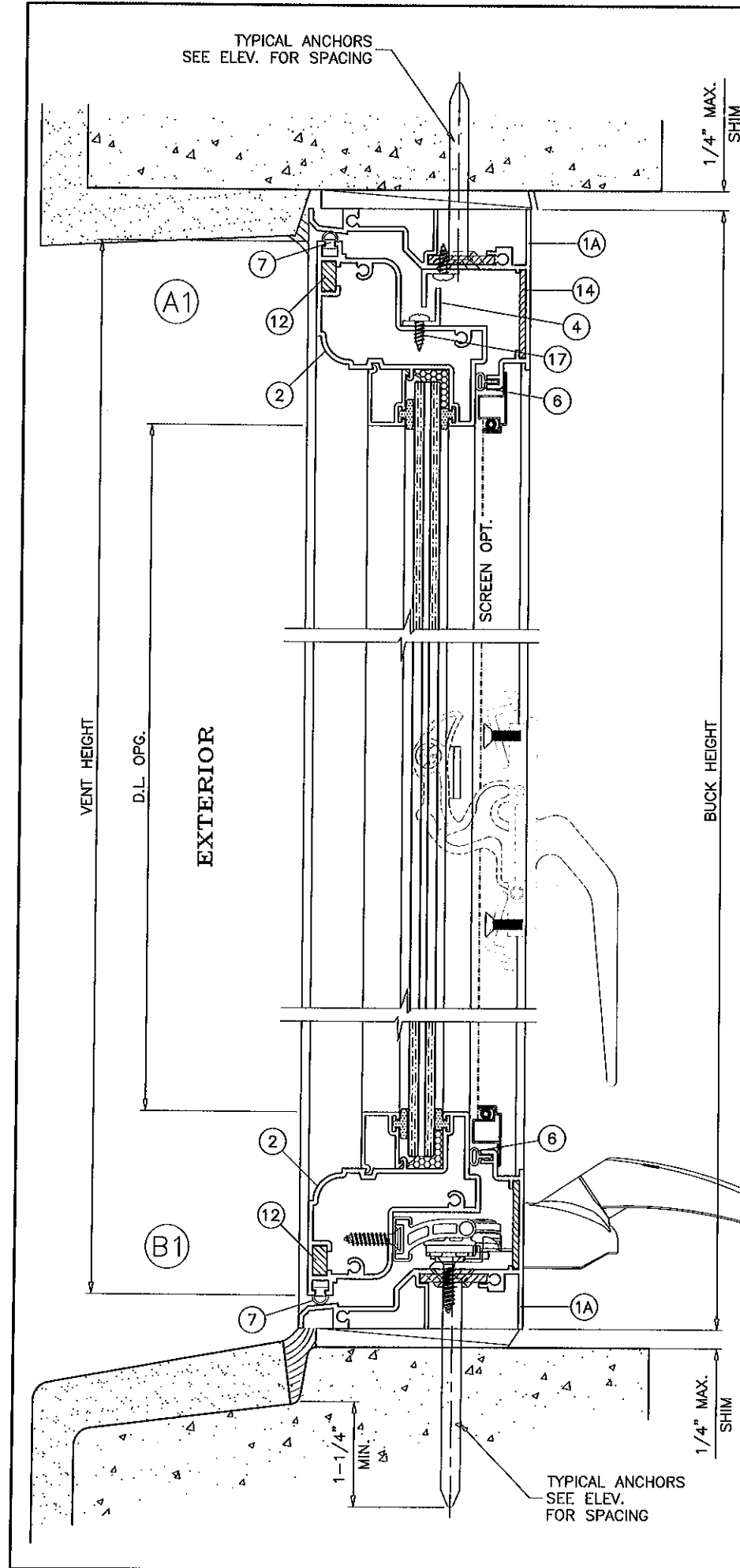
sheet 3 of 6



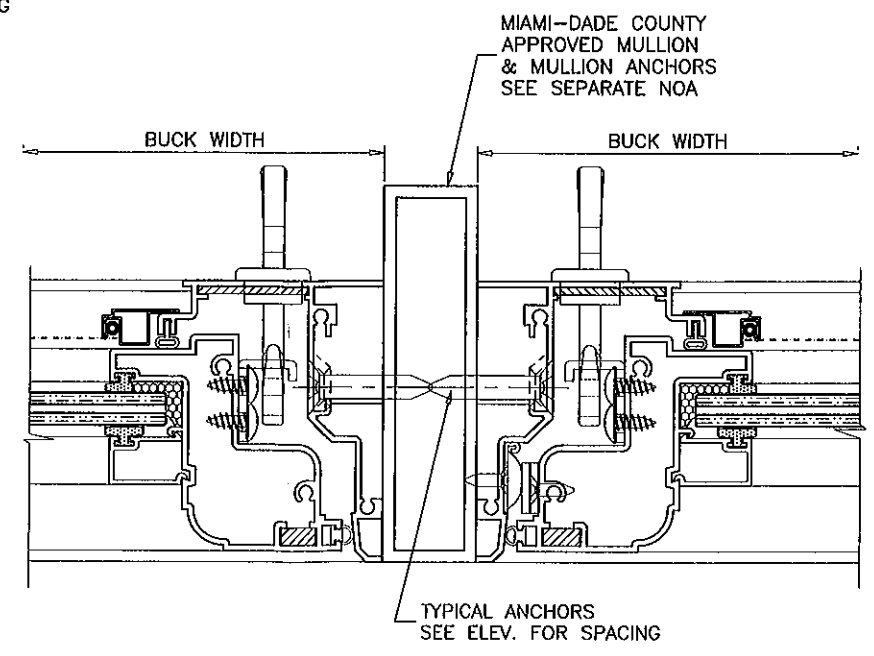
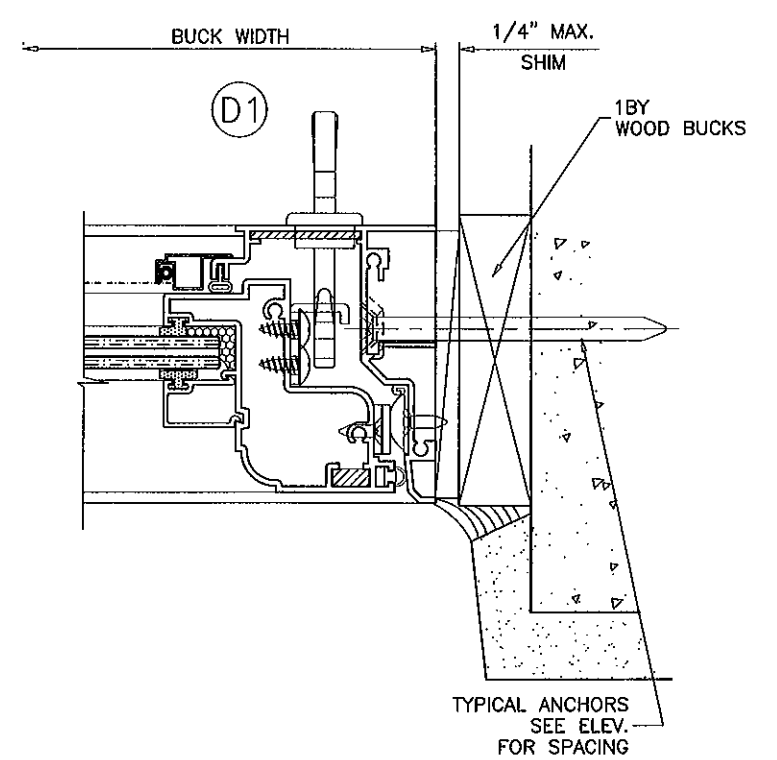
PRODUCT REVISED  
is complying with the Florida  
Building Code  
Acceptance No. 12-0110-14  
Expiration Date SEPT. 8, 2015  
By Marcus Perez  
Miami Dade Product Control

drawing no.  
W10-16

sheet 4 of 6



EXTERIOR



Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
JAN 11 2012

PRODUCT REVISED  
complying with the Florida  
Building Code  
Acceptance No 12-0110-14  
Expiration Date SEP. 2, 2015  
By *Manuel Perez*  
Miami Dade Product Control

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W10-16AWP

**af c**

---

SERIES-1500 ALUMINUM PROJECTED WDW. (L.M.I.)  
**TRULITE WINDOW & DOOR SOLUTIONS, LLC**  
8130 N.W. 74TH AVE.  
MEDLEY, FL. 33166  
TEL (305) 887-2646 FAX (305) 883-1309

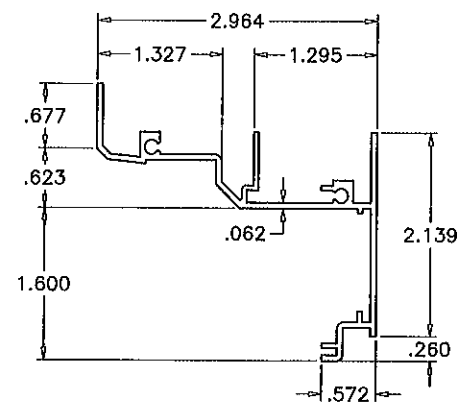
revisions:  
no date by description  
A 12.23.11 MANUF. NAME REVISED

---

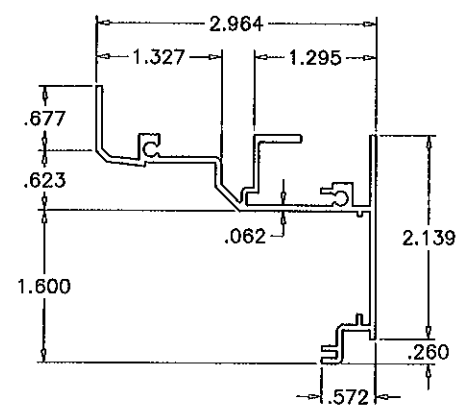
date: W03-23-10  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W10-16**  
sheet 5 of 6

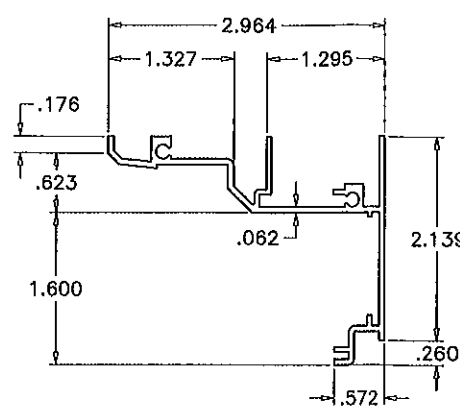




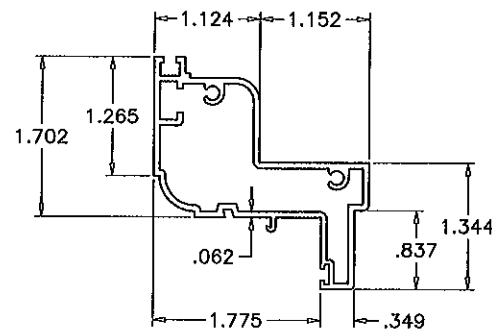
① FLANGE FRAME



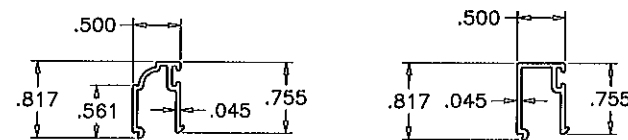
①.1 ALT. FLANGE FRAME



①A FLUSH FRAME

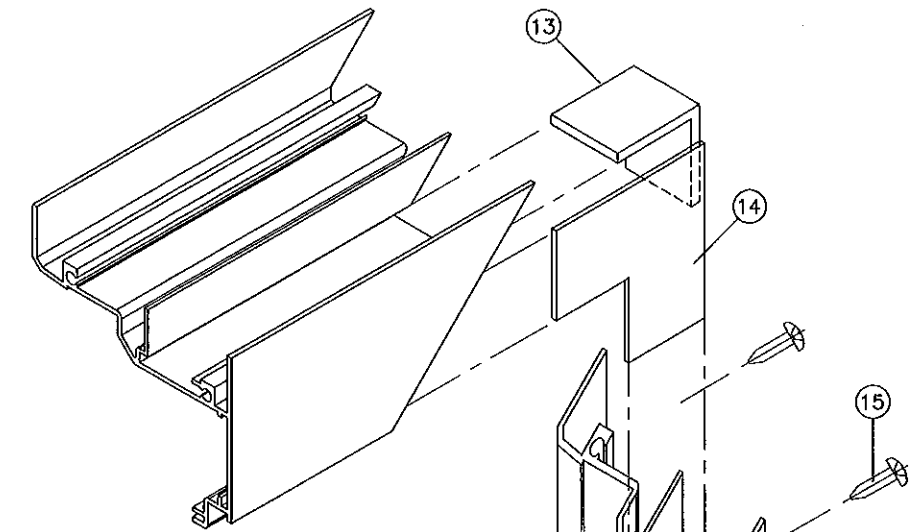


② VENT

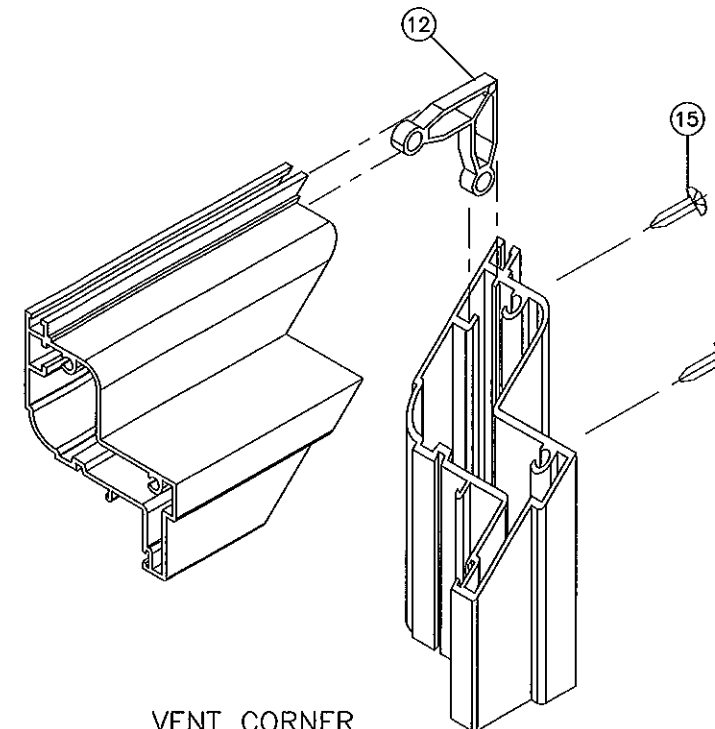


③ GLAZING BEADS

③A



FRAME CORNER



VENT CORNER

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0118.14  
Expiration Date Sept 8, 2015

By *Wahneel Perry*  
Miami Dade Product Control

**af**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W10-16AWP

SERIES-1500 ALUMINUM PROJECTED WDW. (L.M.I.)  
**TRULITE WINDOW & DOOR SOLUTIONS, LLC**  
8130 N.W. 74TH AVE.  
MEDLEY, FL. 33166  
TEL (305) 887-2646 FAX (305) 883-1309

revisions:	no	date	by	description
	A	12.23.11	MANUF.	NAME REVISED

date:	W03-23-10
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.  
**W10-16**

sheet 6 of 6